

species it resembles superficially, by its male genitalia, which show a broad distal third of the valve and a pointed valvular tip, there being no trace of the more tapered valve which is typical of *P. mamurra*. *P.g. coutsisi* also shows some resemblance to the taxon *obscura* Staudinger, which flies in the Taurus Mountains, in that both have a very darkened and similar upperside. However, the male genitalia and androconia of specimens of *obscura* make it certain that this taxon is more closely allied to *P. mamurra* than to *P. graeca*. For example, the androconia of *obscura*, like those of *mamurra*, but unlike those of *graeca*, are of subgroup 2b (Brown, 1976). Moreover, *obscura* can be clearly distinguished from *coutsisi* by its rather deeply scalloped hindwings and by its silvery-grey hindwing underside. It is hoped to consider the relationships of the different forms of *Pseudochazara* from S.E. Europe and Asia Minor in a later work.

Thus, there would seem to be at least two different subspecies of *P. graeca*, which still seems to be restricted in its distribution to Greece. In the Pindos range of N. Greece there occurs the darker and the smaller *P.g. coutsisi*, while *P.g. graeca* seems to occupy most of the highest mountains of central Greece and the Peloponnesos. It remains unclear as to where the boundary between these two subspecies exists and its nature is entirely unknown.

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A SECOND BROOD OF *INACHIS IO* (L.)? — On several occasions here during mid-October 1976, I saw large numbers of *Vanessa atalanta* L. and a dozen or so *I. io* (L.) feeding on ivy flowers. I had never before seen *atalanta* in such numbers, and some were still flying about on sunny days in the second week of November. The October *io* were mainly in fresh condition and I think may have been second brood specimens, as the summer brood disappeared from my garden buddleia during late August and there were hardly any in September. With plenty of ivy in bloom for nourishment this autumn, one hopes that these October *io* butterflies may hibernate successfully. — RICHARD REVELS, Top Field Farm, Dunton Lane, Biggleswade, Beds., SG18 8QU.